



QUOTATION FOR SUPPLY OF GENETIC ANALYSIS PRODUCTS

Prepared by:

Illumina, Inc.
5200 Illumina Way
San Diego, C 92122, US

Hereinafter referred to as "Illumina"

Prepared for:

University of Pennsylvania

Hereinafter referred to as " University of Pennsylvania " or "Customer"

Quotation Number:	SQ-20170403HG900
Quotation Date:	April 03, 2017
Expiration Date:	April 01, 2018
Prepared By:	Haley Guerrier
Phone Number:	858-263-8203
Email:	HGUERRIER@ILLUMINA.COM

I. CUSTOMER INFORMATION

Company or Institution Name:	University of Pennsylvania
Address:	3451 Walnut St , Philadelphia , P 19104-6205

II. PRODUCT & PRICING INFORMATION

Customer receives the following discount on the product families listed below (excludes promotionally priced consumables, software, hardware or new instrument purchases). For the discount to apply, Customer must agree to the following:

- This Master Quote, which can be used for multiple purchases, will only be valid until 5:00pm on the expiration date listed on page 1.
- All Customer Purchase Orders received by Illumina that include this discounted pricing must be in the quoted currency and reference this quotation.
- All discounts will be applied to Illumina's then current list price. Illumina shall at its sole discretion, adjust discount percentages for future products or for any list price adjustments to the current products offered on this Quotation.
- The pricing and terms of this offer are kept confidential except as needed to execute the purchase.
- Discount for consumables applies only to the product families specified in the table herein.
- Customer understands that product pricing stated herein is not inclusive of any applicable shipping, freight and/or taxes. Any estimated shipping and freight charges listed on this quotation may differ from actual charges. Any shipping/freight costs will be pre-paid and charged back to Customer. Customer accepts responsibility for any actual incurred shipping/freight costs.
- Discount(s) quoted herein have been determined based upon prior year annual consumable spend level and are valid throughout the current term of the agreement contingent on buyer maintaining or exceeding the annual spend level. If the annual spend level is not achieved by the end of the term of the agreement, future discounts will be adjusted accordingly based on expected spend levels.

Product Family	Customer Discount %
Epicentre Consumables	6%
MiniSeq Sequencing Consumables	10%
MiSeq Sequencing Consumables	10%
NextSeq Sequencing Consumables	5%
Sample Preparation Consumables	10%
SBS and Cluster Generation Sequencing Co	10%
Miscellaneous Sequencing Consumables	10%

Catalog #	Product Description	List Price (USD)	Customer Price
11285646	SWITCH.OPTICAL	Request Quote	Request Quote
SV-121-1001	INA - Service Contract LiHa Parts Only	Request Quote	Request Quote
SV-122-1001	INA - Product Care Tecan ROMAPlan	Request Quote	Request Quote
11293603	Service Contract ROMA Stadarad	Request Quote	Request Quote
SV-131-1001	INA - Service Contract LIMS/Pipeline Parts Only	Request Quote	Request Quote
SV-131-1002	INA - Service Contract LIMS/Pipeline Standard	Request Quote	Request Quote
SV-102-1004	INA - Service Contract iScan Gold	Request Quote	Request Quote
SW-400-6001	KIT,SW&DOC,GMSTDO,PT,v1.1,BDXPRESS	Request Quote	Request Quote
CT-901-2002	TF, Genomic Sequencing Primer(10 lanes)	35.00	31.50
15000367	KIT.UNIVERSAL,STARTER,110V	Request Quote	Request Quote
15005656	TUBE,MANIFOLD OUTLET,PEEK	Request Quote	Request Quote

Catalog #	Product Description	List Price (USD)	Customer Price
SY-301-2002	TLA,CLUSTER STATION,CBOT	Request Quote	Request Quote
FT-310-1006	Fast Track Service Cardio-Metabo	Request Quote	Request Quote
SY-301-2014	cBot Manifold for Genome Analyzer Platforms	85.00	76.50
SV-401-1004	INA - Service Contract HiSeq®2000 Gold	Request Quote	Request Quote
WG-440-1004	CanineHD DNA Analysis BeadChip(12)	Request Quote	Request Quote
WG-500-1004	MaizeSNP50 DNA Analysis BeadChip 24x1, 24 Samples	Request Quote	Request Quote
WG-450-2004	BovineSNP50v2.0 Analysis BeadChip (24 Samples)	Request Quote	Request Quote
SV-500-1001	Service Parts and Labor Estimate	Request Quote	Request Quote
PE-203-5001	TruSeq® PE Cluster Kit v5 – CS- GA (Single Pack)	6,200.00	5,580.00
GD-203-5001	TruSeq® SR Cluster Kit v5 – CS- GA (Single Pack)	3,450.00	3,105.00
PE-300-2001	TruSeq® PE Cluster Kit v2 – cBot™ - GA	6,200.00	5,580.00
GD-300-2001	TruSeq® SR Cluster Kit v2 – cBot™ - GA	3,450.00	3,105.00
FC-104-5001	TF, TRUSEQ SBS KIT V5 – GA (36-CYCLES)	1,540.00	1,386.00
FC-104-5020	TF, TRUSEQ SBS KIT V5 – GA (20PACK / 36-CYCLES)	30,775.00	27,697.50
WG-450-1001	KIT BovineHD DNA Analysis BeadChip,16 samples	Request Quote	Request Quote
SY-401-2015	KIT,CBOT MANIFOLD,HiSEQ	85.00	76.50
SV-202-1004	INA - Service Contract AutoLoader2 Gold	Request Quote	Request Quote
GD-304-2001	TruSeq v2 cBot Multi-Primer Re-Hybridization Kit	320.00	288.00
FC-110-3001	PhiX CONTROL V3 KIT	160.00	144.00
FT-700-2030	ILMN FTS Human WGS 30x Coverage Or Minimum 100 Gb Data	Request Quote	Request Quote
FT-251-1001	FTS.iSelect,24x1,2um	Request Quote	Request Quote
SV-103-1004	INA - Service Contract HiScanGold	Request Quote	Request Quote
RS-200-0012	TruSeq Small RNA Library Prep Kit -Set A (24 rxns) (Set A: indexes 1-12)	2,450.00	2,205.00
RS-200-0024	TruSeq Small RNA Library Prep Kit -Set B (24 rxns) (Set B: indexes 13-24)	2,450.00	2,205.00
RS-200-0036	TruSeq Small RNA Library Prep Kit -Set C (24 rxns) (Set C: indexes 25-36)	2,450.00	2,205.00
RS-200-0048	TruSeq® Small RNA Library PrepKit v2 - Set D	2,450.00	2,205.00
15019624	BEAMSPLITTER,DICHROIC,20 DEG.,F3	Request Quote	Request Quote
15020685	BULK.WG#-EML,EXTENSION MIX LONG	Request Quote	Request Quote
GT-914-1004	ASSEMBLY,DOC,SET,ASSAY,INF,METH,HD	Request Quote	Request Quote
15022053	BULK.WG#-SML,SIGNAL MIX LONG	Request Quote	Request Quote
GD-401-3001	TruSeq® SR Cluster Kit v3 – cBot™ - HS	4,050.00	3,645.00
PE-401-3001	TruSeq® PE Cluster Kit v3 – cBot™ - HS	6,200.00	5,580.00
FC-401-3001	TruSeq SBS KIT v3 - HS (200 CYCLES)	8,600.00	7,740.00
FC-401-3002	TruSeq SBS KIT v3 - HS (50 CYCLES)	2,370.00	2,133.00

Catalog #	Product Description	List Price (USD)	Customer Price
SV-420-1004	INA - SERVICE CONTRACT MiSeq GOLD	Request Quote	Request Quote
15025526	GAP PAD,CAMERA SENSOR	Request Quote	Request Quote
15026626	TruSeq® Custom Amplicon Assay Kit v1.5	Request Quote	Request Quote
15026762	Index Adapter Replacement Caps	88.00	79.20
WG-311-5006	KIT,HUMANOMNI5-Quad+ DNA ANALYSIS (48)	Request Quote	Request Quote
WG-311-5005	KIT,HUMANOMNI5-Quad+ DNA ANALYSIS (16)	Request Quote	Request Quote
WG-311-5007	KIT,HUMANOMNI5-Quad+ DNA ANALYSIS (96)	Request Quote	Request Quote
WG-311-5008	HumanOmni5-Quad+ DNA Analysis Kit (384)	Request Quote	Request Quote
RS-122-2001	TruSeq RNA Library Preparation Kit v2, Set A (48 samples, 12 indexes)	3,591.00	3,231.90
RS-122-2002	TruSeq RNA Library Preparation Kit v2, Set B (48 samples, 12 indexes)	3,591.00	3,231.90
FC-121-1031	Nextera® DNA Library Preparation Kit (96 samples)	7,283.00	6,554.70
FC-121-1030	Nextera® DNA Library Preparation Kit (24 samples)	2,040.00	1,836.00
FC-121-1012	Nextera Index Kit (96 indexes, 384 samples)	989.00	890.10
FC-121-1011	Nextera Index Kit (24 indexes, 96 samples)	260.00	234.00
FC-121-1003	TruSeq Dual Index Sequencing Primer Kit, Single Read	95.00	85.50
PE-121-1003	TruSeq Dual Index Sequencing Primer Kit, Paired End	95.00	85.50
FC-130-1003	TruSeq Custom Amplicon Index Kit (96 indexes, 384 samples)	970.00	873.00
FC-130-1007	TruSeq® Index Plate Fixture and Collar Kit (2 Each)	180.00	162.00
SV-500-1011	FSE Trvl – Billable Svc – MA (by zone)	Request Quote	Request Quote
SV-500-1012	FSE Trvl – Billable Svc – SQ (by zone)	Request Quote	Request Quote
SV-500-1013	FAS Trvl – Billable Svc – MA (by zone)	Request Quote	Request Quote
SV-500-1014	FAS Trvl – Billable Svc – SQ (by zone)	Request Quote	Request Quote
WG-450-1013	24x1 Infinium BovineLD+ Custom BeadChip	Request Quote	Request Quote
WG-450-2007	Infinium BovineSNP50+ v2.0 DNAAnalysis (288 samples)	Request Quote	Request Quote
FC-130-1005	TruSeq® Index Plate Fixture Kit	155.00	139.50
WG-440-1005	Infinium CanineHD+ DNA Analysis Kit (48 samples)	Request Quote	Request Quote
WG-440-1006	Infinium CanineHD+ DNA Analysis Kit (288 samples)	Request Quote	Request Quote
WG-440-1007	Infinium CanineHD+ DNA Analysis Kit (1152 samples)	Request Quote	Request Quote
FC-130-1006	TruSeq™ Custom Amplicon FilterPlate (1 Plate)	51.00	45.90
RS-200-1001	TruSeq™ RNA EPH Reagent Tube	289.00	260.10
15030960	RETAINER, FILTER, F8, MOLDED	Request Quote	Request Quote
RS-122-2101	TruSeq Stranded mRNA Library Preparation Kit Set A (48 samples, 12indexes)	2,700.00	2,430.00
RS-122-2102	TruSeq Stranded mRNA Library Preparation Kit Set B (48 samples, 12indexes)	2,700.00	2,430.00
RS-122-2103	TruSeq Stranded mRNA Library Prep Kit High Throughput (96 samples, 96indexes)	4,700.00	4,230.00

Catalog #	Product Description	List Price (USD)	Customer Price
RS-122-2202	TruSeq Stranded Total RNA Library Prep Kit with Ribo-ZeroHuman/Mouse/Rat Set B (48 samples, 12 indexes)	5,630.00	5,067.00
RS-122-2201	TruSeq Stranded Total RNA Library Prep Kit with Ribo-ZeroHuman/Mouse/Rat Set A (48 samples, 12 indexes)	5,630.00	5,067.00
RS-122-2203	TruSeq Stranded Total RNA Library Prep Kit High Throughput (96 samples,96 indexes)	10,280.00	9,252.00
RS-122-2301	TruSeq Stranded Total RNA Library Prep Kit with Ribo-Zero Gold Set A (48samples, 12 indexes)	5,630.00	5,067.00
RS-122-2302	TruSeq Stranded Total RNA Library Prep Kit with Ribo-Zero Gold Set B (48samples, 12 indexes)	5,630.00	5,067.00
RS-122-2303	TruSeq Stranded Total RNA Library Prep Kit with Ribo-Zero Gold HighThroughput (96 samples, 96 indexes)	10,280.00	9,252.00
RS-122-2401	TruSeq Stranded Total RNA Kit with Ribo-Zero Plant, Set A (48 samples,12 indexes)	5,630.00	5,067.00
RS-122-2402	TruSeq Stranded Total RNA Kit with Ribo-Zero Plant, Set B (48 samples,12 indexes)	5,630.00	5,067.00
RS-122-2403	TruSeq Stranded Total RNA Kit with Ribo-Zero Plant, High Throughput (96samples, 96 indexes)	10,280.00	9,252.00
RS-122-2501	TruSeq Stranded Total RNA Library Prep Kit with Ribo-Zero Globin Set A(48 samples, 12 indexes)	5,630.00	5,067.00
RS-122-2502	TruSeq Stranded Total RNA Library Prep Kit with Ribo-Zero Globin Set B(48 samples, 12 indexes)	5,630.00	5,067.00
RS-122-2503	TruSeq Stranded Total RNA Library Prep Kit with Ribo-Zero Globin HighThroughput (96 samples, 96 indexes)	10,280.00	9,252.00
WG-410-2005	Infinium PorcineSNP60+ v2.0 Reagent Kit (48 samples)	Request Quote	Request Quote
WG-410-2006	Infinium PorcineSNP60+ v2.0 Reagent Kit (288 samples)	Request Quote	Request Quote
WG-410-2007	Infinium PorcineSNP60+ v2.0 Reagent Kit (1152 samples)	Request Quote	Request Quote
FT-702-0000	Cancer Analysis Only: CombinedCalling Tumor/Normal Samples	Request Quote	Request Quote
FC-131-1024	Nextera® XT DNA Library Preparation Kit (24 samples)	798.00	718.20
FC-131-1096	Nextera® XT DNA Library Preparation Kit (96 samples)	3,030.00	2,727.00
FC-131-1001	Nextera® XT Index Kit (24 indexes, 96 samples)	258.00	232.20
FC-131-1002	Nextera® XT Index Kit (96 indexes, 384 samples)	999.00	899.10
FC-130-1008	TruSeq® Amplicon - Cancer Panel (96 Samples)	12,000.00	10,800.00
15033177	SNAP CLIP,IM MODULE,0.025 inch,1/2 HARD SST	Request Quote	Request Quote
MS-102-2003	MiSeq® Reagent Kit v2 (500 cycle)	1,170.00	1,053.00
MS-102-2002	MiSeq® Reagent Kit v2 (300 cycle)	1,045.00	940.50
MS-102-2001	MiSeq® Reagent Kit v2 (50 cycle)	820.00	738.00
MS-102-2023	MiSeq® Reagent Kit v2 (500 cycle) - 20 pack	22,000.00	19,800.00
MS-102-2022	MiSeq® Reagent Kit v2 (300 cycle) - 20 pack	19,900.00	17,910.00
MS-102-2021	MiSeq® Reagent Kit v2 (50 cycle) - 20 pack	15,450.00	13,905.00
RT-201-1007	TruSeq® Targeted RNA P53 PanelKit (48 Samples)	856.00	770.40
FC-140-1002	Nextera® Rapid Capture Exome Kit (4 rxn × 12 plex)	7,665.00	6,898.50
15033972	TruSeq® Targeted RNA Custom Panel Kit (96 Samples)	Request Quote	Request Quote

Catalog #	Product Description	List Price (USD)	Customer Price
RT-402-1001	TruSeq Targeted RNA Index Kit A (96 indexes, 384 samples)	1,018.00	916.20
RT-201-1008	TruSeq® Targeted RNA NFkB Panel Kit (48 Samples)	815.00	733.50
RT-201-1009	TruSeq® Targeted RNA CardiotoxPanel Kit (48 Samples)	800.00	720.00
RT-201-1010	TruSeq® Targeted RNA ApoptosisPanel Kit (48 Samples)	856.00	770.40
RT-201-1006	TruSeq® Targeted RNA P450 Panel Kit (48 Samples)	815.00	733.50
FC-140-1003	Nextera® Rapid Capture Exome Kit (8 rxn × 12 plex)	10,290.00	9,261.00
FC-132-1001	Nextera® Mate Pair Sample PrepKit	4,162.00	3,745.80
FC-121-3002	TruSeq DNA PCR-Free LT Library Preparation Kit - Set B (12 Set B indextubes, 24 samples)	735.00	661.50
FC-140-1001	Nextera® Rapid Capture Exome Kit (2 rxn × 12 plex)	5,114.00	4,602.60
RT-401-1001	TruSeq Targeted RNA Index Kit (48 indexes, 48 samples)	698.00	628.20
RT-201-1001	TruSeq® Targeted RNA Neuro Panel Kit (48 Samples)	815.00	733.50
RT-201-1003	TruSeq® Targeted RNA Cell Cycle Panel Kit (48 Samples)	856.00	770.40
RT-201-1004	TruSeq® Targeted RNA Wnt PanelKit (48 Samples)	856.00	770.40
RT-201-1005	TruSeq® Targeted RNA Stem CellPanel Kit (48 Samples)	856.00	770.40
RT-201-1002	TruSeq® Targeted RNA HedgehogPanel Kit (48 Samples)	800.00	720.00
FC-121-3001	TruSeq DNA PCR-Free LT Library Preparation Kit - Set A (12 Set A indextubes, 24 samples)	735.00	661.50
15034056	TruSeq® Targeted RNA Custom Panel Kit (48 Samples)	Request Quote	Request Quote
IP-202-1024	TruSeq ChIP Sample Preparation Kit - Set B (12 indexes, 48 rxns)	2,782.00	2,503.80
IP-202-1012	TruSeq ChIP Library Preparation Kit - Set A (12 indexes, 48 rxns)	2,782.00	2,503.80
FC-800-1001	Truseq® Nano DNA Accessory Kit	245.00	220.50
15035201	TruSeq® Targeted RNA Supplemental Content (96 Samples)	Request Quote	Request Quote
TG-140-1001	TG TruSight™ Enrichment Kit (2Indices - 8 Samples)	1,645.00	1,480.50
TG-140-1004	TG TruSight™ Enrichment Kit (1Index - 8 Samples)	1,620.00	1,458.00
FC-121-3003	TruSeq DNA PCR-Free HT Library Preparation Kit (96 indexes in plateformat, 96 samples)	3,000.00	2,700.00
FC-140-1004	Nextera® Rapid Capture Expanded Exome Kit (2 rxn × 12 plex)	5,754.00	5,178.60
FC-140-1005	Nextera® Rapid Capture Expanded Exome Kit (4 rxn × 12 plex)	8,946.00	8,051.40
FC-140-1006	Nextera® Rapid Capture Expanded Exome Kit (8 rxn × 12 plex)	12,852.00	11,566.80
SV-406-1004	INA - Service Contract HiSeq®1500 Gold	Request Quote	Request Quote
SV-402-1004	INA - Service Contract HiSeq®2500 Gold	Request Quote	Request Quote
FC-140-1007	Nextera® Rapid Capture CustomKit (48 samples)	Request Quote	Request Quote
FC-140-1008	Nextera® Rapid Capture CustomKit (96 samples)	Request Quote	Request Quote
FC-140-1009	Nextera® Rapid Capture CustomKit (288 samples)	Request Quote	Request Quote
MS-103-1001	MiSeq® Reagent Nano Kit v2 (300 Cycles)	290.00	261.00
MS-103-1002	MiSeq® Reagent Micro Kit v2 (300 Cycles)	440.00	396.00

Catalog #	Product Description	List Price (USD)	Customer Price
MS-103-1003	MiSeq® Reagent Nano Kit v2 (500 Cycles)	350.00	315.00
DX-102-1003	MiSeqDx® Cystic Fibrosis 139 Variant Assay (20 Run)	57,600.00	51,840.00
DX-102-1004	MiSeqDx™ Cystic Fibrosis 139 Variant Assay (2 Run)	5,760.00	5,184.00
DX-102-1001	MiSeqDx™ Cystic Fibrosis Clinical Sequencing Assay (6 Run)	9,504.00	8,553.60
FC-121-0202	TruSight™ Cancer Sequencing Panel	500.00	450.00
FC-121-0205	TruSight™ Inherited Disease Sequencing Panel	500.00	450.00
FC-121-4003	TruSeq Nano DNA HT Library Preparation Kit (96 indexes in plate format, 96 samples)	3,000.00	2,700.00
FC-121-4001	TruSeq Nano DNA LT Library Preparation Kit - Set A (12 Set A indextubes, 24 samples)	735.00	661.50
FC-121-4002	TruSeq Nano DNA LT Library Preparation Kit - Set B (12 Set B indextubes, 24 samples)	735.00	661.50
FC-130-1010	TruSight™ Myeloid Sequencing Panel	9,600.00	8,640.00
RT-202-1001	TruSeq® Targeted RNA Neuro Panel Kit (96 Samples)	1,200.00	1,080.00
RT-202-1002	TruSeq® Targeted RNA Hedgehog Panel Kit (96 Samples)	1,200.00	1,080.00
RT-202-1003	TruSeq® Targeted RNA Cell Cycle Panel Kit (96 Samples)	1,286.00	1,157.40
RT-202-1004	TruSeq® Targeted RNA Wnt Panel Kit (96 Samples)	1,200.00	1,080.00
RT-202-1005	TruSeq® Targeted RNA Stem Cell Panel Kit (96 Samples)	1,286.00	1,157.40
RT-202-1006	TruSeq® Targeted RNA P450 Panel Kit (96 Samples)	1,200.00	1,080.00
RT-202-1007	TruSeq® Targeted RNA P53 Panel Kit (96 Samples)	1,225.00	1,102.50
RT-202-1008	TruSeq® Targeted RNA NFkB Panel Kit (96 Samples)	1,286.00	1,157.40
RT-202-1009	TruSeq® Targeted RNA Cardiotox Panel Kit (96 Samples)	1,200.00	1,080.00
RT-202-1010	TruSeq® Targeted RNA Apoptosis Panel Kit (96 Samples)	1,225.00	1,102.50
RT-402-1002	TruSeq Targeted RNA Index Kit B (96 indexes, 384 samples)	1,018.00	916.20
RT-402-1003	TruSeq Targeted RNA Index Kit C (96 indexes, 384 samples)	1,018.00	916.20
RT-402-1004	TruSeq Targeted RNA Index Kit D (96 indexes, 384 samples)	1,018.00	916.20
15037672	TruSeq® Targeted RNA Supplemental Content (48 Samples)	Request Quote	Request Quote
DX-103-1001	MiSeqDx™ Universal Kit 1.0 (2Run)	12,410.00	11,169.00
FC-130-2001	TruSight® Tumor 26	6,000.00	5,400.00
FC-123-1203	TruSight™ Enrichment Kit (24 Indices - 48 Samples)	5,952.00	5,356.80
FC-123-1205	TruSight™ Enrichment Kit (24 Indices - 96 Samples)	11,417.00	10,275.30
FT-353-1204	HumanOmniExpressExome+ v1.2 FastTrack Service	Request Quote	Request Quote
FC-140-1101	TruSight Rapid Capture (1 index, 8 samples, 8 enrichments)	1,873.00	1,685.70
FC-140-1102	TruSight Rapid Capture (2 indexes, 8 samples, 4 enrichments)	1,592.00	1,432.80
FC-140-1103	TruSight Rapid Capture (4 indexes, 16 samples, 4 enrichments)	2,861.00	2,574.90
FC-140-1104	TruSight Rapid Capture (24 indexes, 48 samples, 4 enrichments)	7,152.00	6,436.80
FC-140-1105	TruSight Rapid Capture (24 indexes, 96 samples, 8 enrichments)	9,600.00	8,640.00

Catalog #	Product Description	List Price (USD)	Customer Price
FC-140-1106	TruSight Rapid Capture (96 indexes, 288 samples, 24 enrichments)	26,400.00	23,760.00
WG-330-2014	HumanCoreExome-24+ v1.0 DNA Analysis Kit (48 Samples)	Request Quote	Request Quote
WG-330-2015	HumanCoreExome-24+ v1.0 DNA Analysis Kit (288 Samples)	Request Quote	Request Quote
WG-330-2016	HumanCoreExome-24+ v1.0 DNA Analysis Kit (1152 Samples)	Request Quote	Request Quote
WG-330-2011	HumanCore-24+ v1.0 DNA Analysis Kit (48 Samples)	Request Quote	Request Quote
WG-330-2012	HumanCore-24+ v1.0 DNA Analysis Kit (288 Samples)	Request Quote	Request Quote
WG-330-2013	HumanCore-24+ v1.0 DNA Analysis Kit (1152 Samples)	Request Quote	Request Quote
WG-312-3005	HumanOmniExpress-24+ v1.0 DNAAnalysis Kit (48 Samples)	Request Quote	Request Quote
WG-312-3006	HumanOmniExpress-24+ v1.0 DNAAnalysis Kit (288 Samples)	Request Quote	Request Quote
WG-312-3007	HumanOmniExpress-24+ v1.0 DNAAnalysis Kit (1152 Samples)	Request Quote	Request Quote
15042393	Rapid Capture Custom Oligos Box 4 of 4	Request Quote	Request Quote
MS-102-3001	MiSeq® Reagent Kit v3 (150 cycle)	900.00	810.00
MS-102-3003	MiSeq® Reagent Kit v3 (600 cycle)	1,530.00	1,377.00
FC-141-1006	TruSight™ One Sequencing Panel(9 Samples)	4,200.00	3,780.00
GD-401-4001	HiSeq® SR Cluster Kit v4 – cBot™	4,050.00	3,645.00
PE-401-4001	HiSeq® PE Cluster Kit v4 – cBot™	6,200.00	5,580.00
GD-402-4002	HiSeq® Rapid SR Cluster Kit v2	930.00	837.00
PE-402-4002	HiSeq® Rapid PE Cluster Kit v2	1,430.00	1,287.00
FC-401-4002	HiSeq® SBS Kit v4 (50 Cycle)	2,370.00	2,133.00
FC-402-4022	HiSeq® Rapid SBS Kit v2 (50 cycles)	545.00	490.50
FC-402-4021	HiSeq® Rapid SBS Kit v2 (200 cycles)	1,990.00	1,791.00
FC-402-4023	HiSeq® Rapid SBS Kit v2 (500 cycles)	4,400.00	3,960.00
FT-311-2023	HumanCore+ v1-0 FastTrack Service	Request Quote	Request Quote
FC-141-1007	TruSight™ One Sequencing Panel(36 Samples)	6,000.00	5,400.00
WG-450-1110	BovineLD+ v1.1 DNA Analysis BeadChip Kit (48 Samples)	Request Quote	Request Quote
WG-450-1111	BovineLD+ v1.1 DNA Analysis BeadChip Kit (288 Samples)	Request Quote	Request Quote
WG-450-1112	BovineLD+ v1.1 DNA Analysis BeadChip Kit (1152 Samples)	Request Quote	Request Quote
WG-355-1011	OncoArray-500K+ v1.0 DNA Analysis Kit (48 Samples)	Request Quote	Request Quote
WG-355-1012	OncoArray-500K+ v1.0 DNA Analysis Kit (288 Samples)	Request Quote	Request Quote
WG-355-1013	OncoArray-500K+ v1.0 DNA Analysis Kit (1152 Samples)	Request Quote	Request Quote
FC-130-9999	TruSeq® Custom Amplicon LegacyReagents Pack	105.00	94.50
FC-126-1001	TruSeq® SYNTH Long-Read DNA Library Prep Kit (4 Samples)	488.00	439.20
FC-126-1002	TruSeq® SYNTH Long-Read DNA Barcode Kit (1 Sample)	761.00	684.90
SV-411-1001	SVC Contract ILMNCompute Tier 0 SYS	Request Quote	Request Quote
SV-411-1002	SVC Contract ILMNCompute Tier 1 SYS	Request Quote	Request Quote
SV-411-1003	SVC Contract ILMNCompute Tier 2 SYS	Request Quote	Request Quote

Catalog #	Product Description	List Price (USD)	Customer Price
SV-412-1001	SVC Contract ILMNCompute STD SYS	Request Quote	Request Quote
SV-413-1001	SVC Contract ILMNCompute ADV SYS	Request Quote	Request Quote
SV-414-1001	SVC Contract ILMNCompute Elite SYS	Request Quote	Request Quote
FT-202-1002	HumanOmniExpress-24+ v1.0 FastTrack Service	Request Quote	Request Quote
FT-332-1002	HumanCoreExome-24+ v1.0 FastTrack Service	Request Quote	Request Quote
FC-141-1010	TruSight Cardio Sequencing Kit for MiSeq and MiSeqDx (12 indexes, 12samples, 1 enrichment)	2,400.00	2,160.00
FC-141-1011	TruSight Cardio Sequencing Kit for NextSeq (48 indexes, 48 samples, 4enrichments)	9,600.00	8,640.00
FC-126-1003	TruSeq® SYNTH Long-Read DNA Barcode Kit (4 Samples)	3,045.00	2,740.50
FC-140-1000	Nextera® Rapid Capture Exome Kit (8 rxn × 1 plex)	2,572.00	2,314.80
RH-101-1001	VeriSeq™ PGS Kit - MiSeq®	9,600.00	8,640.00
RH-102-1001	MiSeq® Reagent Kit v3 - PGS	1,090.00	981.00
FC-401-4003	HiSeq® SBS Kit v4 (250 Cycle)	10,100.00	9,090.00
FC-130-1009	TruSeq® Custom Amplicon Design- AFP2	Request Quote	Request Quote
15049915	HiSeq X™ HD PE Cluster Kit - cBot™ (Box 1 of 2)	Request Quote	Request Quote
15049916	HiSeq X™ HD PE Cluster Kit - cBot™ (Box 2 of 2)	Request Quote	Request Quote
15049934	HiSeq X™ HD SBS Kit 300 Cycles(Box 1 of 2)	Request Quote	Request Quote
15049941	HiSeq X™ HD SBS Kit 300 Cycles(Box 2 of 2)	Request Quote	Request Quote
RS-301-2001	TruSeq RNA Access Library Prep Kit - Set A (12 indexes, 48 samples)	7,492.00	6,742.80
RS-301-2002	TruSeq RNA Access Library Prep Kit - Set B (12 indexes, 48 samples)	7,492.00	6,742.80
FC-126-1004	TruSeq® SYNTH Long-Read DNA Accessory Kit	81.00	72.90
FC-140-1083	Nextera® Rapid Capture Exome Kit (8 rxn x 3 plex)	2,572.00	2,314.80
FC-140-1086	Nextera® Rapid Capture Exome Kit (8 rxn x 6 plex)	5,145.00	4,630.50
FC-140-1089	Nextera® Rapid Capture Exome Kit (8 rxn x 9 plex)	7,712.00	6,940.80
FT-700-2010	ILMN FTS Human WGS 10x Coverage Or Minimum 33 Gb Data	Request Quote	Request Quote
00141	Microseal® 'F' Foil, 100/pack	Request Quote	Request Quote
FT-900-2030	ILMN UK FTS Human WGS 30x Coverage Or Minimum 100Gb Data	Request Quote	Request Quote
GD-403-4001	HiSeq® Multi-Primer Rehybridization Kit v4	320.00	288.00
SV-450-1004	INA - Service Contract NextSeq™ 500 Gold	Request Quote	Request Quote
FC-131-2001	Nextera® XT Index Kit v2 Set A(96 indexes, 384 samples)	989.00	890.10
FC-131-2002	Nextera® XT Index Kit v2 Set B(96 indexes, 384 samples)	989.00	890.10
FC-131-2003	Nextera® XT Index Kit v2 Set C(96 indexes, 384 samples)	989.00	890.10
FC-131-2004	Nextera® XT Index Kit v2 Set D(96 indexes, 384 samples)	989.00	890.10
FC-110-3002	NextSeq™ PhiX Control Kit	145.00	130.50
15052832	cBot™ Multi-Primer Rehybridization Box - HiSeq X™ HD	Request Quote	Request Quote
FT-260-1012	OncoArray-500K+ v1.0 FastTrackService	Request Quote	Request Quote

Catalog #	Product Description	List Price (USD)	Customer Price
FT-360-1002	PsychArray+ v1.0 FastTrack Service	Request Quote	Request Quote
FC-142-1001	TruSight® HLA Sequencing Panel(24 samples)	7,000.00	6,300.00
NP-101-1001	TruSeq Nano DNA Library Prep Kit for NeoPrep (16 indexes, 16 samples)	480.00	432.00
FC-451-1001	ForenSeq™ Index Adapter Fixture	345.00	310.50
NP-202-1001	TruSeq® Stranded mRNA NeoPrep™Kit	880.00	792.00
15055986	KIT, ENTERPRISE HD + 1-BAY ASSY,E-BOX,MiSeq	Request Quote	Request Quote
FT-900-2010	ILMN UK FTS Human WGS 10x Coverage or Minimum 33 Gb Data	Request Quote	Request Quote
FT-900-1000	ILMN UK FTS Human WGS FFPE QCAanalysis Add-on	Request Quote	Request Quote
FT-900-2000	ILMN UK FTS Human WGS Cancer Analysis Add-on	Request Quote	Request Quote
FT-252-1024	iSelect® 24x1 HTS FastTrack Service	Request Quote	Request Quote
FT-251-1008	iSelect® 8x1 LCG FastTrack Service	Request Quote	Request Quote
FT-701-1000	ILMN FTS - OMG, Phasing Analysis Add-on, Human WGS	Request Quote	Request Quote
15057785	HiSeq X™ HD PE Cluster Kit - cBot™ v2 (Box A)	Request Quote	Request Quote
15057786	HiSeq X™ HD PE Cluster Kit - cBot™ v2 (Box B)	Request Quote	Request Quote
15057787	HiSeq X™ HD PE Cluster Kit - cBot™ v2 (Box C)	Request Quote	Request Quote
15057792	HiSeq X™ HD SBS Kit 300 Cycles	Request Quote	Request Quote
15057793	HiSeq X™ HD SBS Kit 300 Cycles	Request Quote	Request Quote
15057794	HiSeq X™ HD SBS Kit 300 Cyclesv2 (Box D)	Request Quote	Request Quote
15057795	HiSeq X™ HD SBS Kit 300 Cyclesv2 (Box E)	Request Quote	Request Quote
15057796	HiSeq X™ HD SBS Kit 300 Cyclesv2 (Box F)	Request Quote	Request Quote
CT-403-2001	HiSeq Rapid Duo cBot Sample Loading Kit	440.00	396.00
WG-315-1111	HumanOmniExpress-24+ v1.1 DNAAnalysis Kit (48 samples)	Request Quote	Request Quote
WG-315-1112	HumanOmniExpress-24+ v1.1 DNAAnalysis Kit (288 samples)	Request Quote	Request Quote
WG-315-1113	HumanOmniExpress-24+ v1.1 DNAAnalysis Kit (1152 samples)	Request Quote	Request Quote
FC-404-2001	NextSeq® 500/550 Mid Output Kit v2 (150 cycles)	1,060.00	1,007.00
FC-404-2002	NextSeq® 500/550 High Output Kit v2 (150 cycles)	2,780.00	2,641.00
FC-404-2003	NextSeq® 500/550 Mid Output Kit v2 (300 cycles)	1,700.00	1,615.00
FC-404-2004	NextSeq® 500/550 High Output Kit v2 (300 cycles)	4,450.00	4,227.50
FC-404-2005	NextSeq® 500/550 High Output Kit v2 (75 cycles)	1,450.00	1,377.50
NP-803-1001	NuGen LC-521 – Mondrian SP Cartridge	115.00	103.50
NP-804-1001	NuGen Filler Fluid Final Stock(2 cSt)	Request Quote	Request Quote
NP-803-1002	NuGen LC-1013 – Mondrian SP+ Cartridge	115.00	103.50
NP-804-1002	NuGen Degassed Filler Fluid	8.00	7.20
FC-452-1001	ForenSeq™ Human Sequencing Control	280.00	252.00
WG-316-1011	Infinium® Multi-Ethnic Global-8+ v1.0 Kit (16 samples)	Request Quote	Request Quote

Catalog #	Product Description	List Price (USD)	Customer Price
WG-316-1012	Infinium® Multi-Ethnic Global-8+ v1.0 Kit (48 samples)	Request Quote	Request Quote
WG-316-1013	Infinium® Multi-Ethnic Global-8+ v1.0 Kit (96 samples)	Request Quote	Request Quote
WG-316-1014	Infinium® Multi-Ethnic Global-8+ v1.0 Kit (384 samples)	Request Quote	Request Quote
WG-313-1711	HumanOmniZhongHua+ v1.2 DNA Analysis Kit (16 samples)	Request Quote	Request Quote
WG-313-1712	HumanOmniZhongHua+ v1.2 DNA Analysis Kit (48 samples)	Request Quote	Request Quote
WG-313-1713	HumanOmniZhongHua+ v1.2 DNA Analysis Kit (96 samples)	Request Quote	Request Quote
WG-313-1714	HumanOmniZhongHua+ v1.2 DNA Analysis Kit (384 samples)	Request Quote	Request Quote
WG-313-5014	HumanOmni5Exome+ v1.2 DNA Analysis Kit (16 samples)	Request Quote	Request Quote
WG-313-5015	HumanOmni5Exome+ v1.2 DNA Analysis Kit (48 samples)	Request Quote	Request Quote
WG-313-5016	HumanOmni5Exome+ v1.2 DNA Analysis Kit (96 samples)	Request Quote	Request Quote
WG-313-5017	HumanOmni5Exome+ v1.2 DNA Analysis Kit (384 samples)	Request Quote	Request Quote
FC-121-9999	TruSeq® FFPE DNA Library PrepQC Kit	155.00	139.50
FT-900-2075	ILMN UK FTS Human WGS 75x Coverage Or Minimum 250Gb Data	Request Quote	Request Quote
FT-700-2075	ILMN FTS Human WGS 75x Coverage Or Minimum 250 Gb Data	Request Quote	Request Quote
WG-313-5005	HumanOmni5+ v1.1 DNA AnalysisKit (16 samples)	Request Quote	Request Quote
WG-313-5006	HumanOmni5+ v1.1 DNA AnalysisKit (48 samples)	Request Quote	Request Quote
WG-313-5007	HumanOmni5+ v1.1 DNA AnalysisKit (96 samples)	Request Quote	Request Quote
WG-313-5008	HumanOmni5+ v1.1 DNA AnalysisKit (384 samples)	Request Quote	Request Quote
OP-101-1001	TruSight Tumor 15 MiSeq Kit	4,000.00	3,600.00
SW-431-1201	BaseSpace® Ons Seq Hub SW Upd v1.2-USB	Request Quote	Request Quote
MS-102-9999	MiSeq® Disposable Wash Tubes	3.00	2.70
15060142	GUIDE BLOCK LEFT	Request Quote	Request Quote
15060143	GUIDE BLOCK RIGHT	Request Quote	Request Quote
WG-451-2011	BovineLD+ v2.0 DNA Analysis Kit (48 samples)	Request Quote	Request Quote
WG-451-2012	BovineLD+ v2.0 DNA Analysis Kit (288 samples)	Request Quote	Request Quote
WG-451-2013	BovineLD+ v2.0 DNA Analysis Kit (1152 samples)	Request Quote	Request Quote
15061538	ASSY,CLAMP,FLOWCELL,cBot PST	Request Quote	Request Quote
15061565	PCA,COMM BOARD,cBot PST,TESTED	Request Quote	Request Quote
15061569	CABLE,FLAT RIBBON,POWER BOARD	Request Quote	Request Quote
FC-133-1001	Nextera® XT Library Prep Kit PulseNet (96 samples)	3,000.00	2,700.00
FT-202-1102	HumanOmniExpress-24+ v1.1 FastTrack Service	Request Quote	Request Quote
FT-203-1202	HumanOmni2.5+ v1.2 FastTrack Service	Request Quote	Request Quote
FT-206-1202	HumanOmni5Exome+ v1.2 FastTrack Service	Request Quote	Request Quote
FT-205-1101	HumanOmni5 v1.1 FastTrack Service	Request Quote	Request Quote
FT-205-1102	HumanOmni5+ v1.1 FastTrack Service	Request Quote	Request Quote
FC-150-1001	TruSeq® Exome Kit (8 rxn × 3 plex)	1,680.00	1,512.00

Catalog #	Product Description	List Price (USD)	Customer Price
FC-150-1006	TruSeq® Expanded Exome Kit (8rxn × 12 plex)	8,064.00	7,257.60
FC-150-1005	TruSeq® Expanded Exome Kit (8rxn × 6 plex)	4,032.00	3,628.80
FC-150-1004	TruSeq® Exome Kit (8 rxn × 12plex)	6,720.00	6,048.00
FC-150-1003	TruSeq® Exome Kit (8 rxn × 9 plex)	5,040.00	4,536.00
FC-150-1002	TruSeq® Exome Kit (8 rxn × 6 plex)	3,360.00	3,024.00
WG-455-1011	MaizeLD+ DNA Analysis Kit (48samples)	Request Quote	Request Quote
WG-455-1012	MaizeLD+ DNA Analysis Kit (288samples)	Request Quote	Request Quote
WG-455-1013	MaizeLD+ DNA Analysis Kit (1152 samples)	Request Quote	Request Quote
OP-101-1002	TruSight® Tumor 15	2,400.00	2,160.00
OP-101-1003	TruSight Tumor 170 Kit, For Use with NextSeq (24 Samples)	14,999.00	14,249.05
OP-101-1004	TruSight Tumor 170 Kit (24 Samples)	7,999.00	7,199.10
SW-431-2001	BaseSpace® Ons SW v2.0-USB Stor device	Request Quote	Request Quote
FC-134-2001	TruSeq® Custom Amplicon Low Input (96 samples)	Request Quote	Request Quote
FC-134-2002	TruSeq® Custom Amplicon Low Input (16 samples)	Request Quote	Request Quote
GD-310-1001	HiSeq® 3000/4000 cBot™ Multi-Primer Rehybridization Kit	309.00	278.10
15067696	HiSeq X™ Flow Cell v2.5	Request Quote	Request Quote
WG-357-1011	Infinium® ImmunoArray-24+ v2.0 BeadChip Kit (48 samples)	Request Quote	Request Quote
WG-357-1012	Infinium® ImmunoArray-24+ v2.0 BeadChip Kit (288 samples)	Request Quote	Request Quote
WG-357-1013	Infinium® ImmunoArray-24+ v2.0 BeadChip Kit (1152 samples)	Request Quote	Request Quote
FC-130-1001	TruSeq™ Custom Amplicon Kit (96 samples)	Request Quote	Request Quote
FC-144-1000	TruSeq® Rapid Exome Kit (8 rxn× 1 plex)	2,400.00	2,160.00
FC-144-1001	TruSeq® Rapid Exome Kit (8 rxn× 3 plex)	2,400.00	2,160.00
FC-144-1002	TruSeq® Rapid Exome Kit (8 rxn× 6 plex)	4,800.00	4,320.00
FC-144-1003	TruSeq® Rapid Exome Kit (8 rxn× 9 plex)	7,200.00	6,480.00
FC-144-1004	TruSeq® Rapid Exome Kit (8 rxn× 12 plex)	9,600.00	8,640.00
15070007	HARNESS, DUAL THERMOCOUPLE SENSOR	Request Quote	Request Quote
FC-151-1002	TruSeq-Methyl Capture EPIC Library Prep Kit (12 samples, 4 indexes)	3,300.00	2,970.00
FC-151-1003	TruSeq-Methyl Capture EPIC Library Prep Kit (48 samples, 12 indexes)	12,000.00	10,800.00
15070538	ASSY,FOLD MIRROR FOCUS	Request Quote	Request Quote
WG-361-1311	HumanOmniExpressExome+ v1.3 DNA Analysis Kit (16 samples)	Request Quote	Request Quote
WG-361-1312	HumanOmniExpressExome+ v1.3 DNA Analysis Kit (48 samples)	Request Quote	Request Quote
WG-361-1313	HumanOmniExpressExome+ v1.3 DNA Analysis Kit (96 samples)	Request Quote	Request Quote
WG-361-1314	HumanOmniExpressExome+ v1.3 DNA Analysis Kit (384 samples)	Request Quote	Request Quote
15072274	BSWM-Binned Bubble Sensor 6 Term	Request Quote	Request Quote
15072585	HiSeq X™ Flow Cell v2.5	Request Quote	Request Quote
WG-331-1111	HumanCoreExome-24+ v1.1 DNA Analysis Kit (48 samples)	Request Quote	Request Quote

Catalog #	Product Description	List Price (USD)	Customer Price
WG-331-1112	HumanCoreExome-24+ v1.1 DNA Analysis Kit (288 samples)	Request Quote	Request Quote
WG-331-1113	HumanCoreExome-24+ v1.1 DNA Analysis Kit (1152 samples)	Request Quote	Request Quote
15073345	Streck cell free DNA BCT (CE)	850.00	765.00
FC-420-1001	MiniSeq High Output Kit (75 cycles)	825.00	742.50
FC-420-1002	MiniSeq High Output Kit (150 cycles)	965.00	868.50
FC-420-1003	MiniSeq High Output Kit (300 cycles)	1,545.00	1,390.50
FC-420-1004	MiniSeq Mid Output Kit (300 cycles)	550.00	495.00
WG-358-1011	Infinium® Exome-24+ v1.0 BeadChip Kit (48 samples)	Request Quote	Request Quote
WG-358-1012	Infinium® Exome-24+ v1.0 BeadChip Kit (288 samples)	Request Quote	Request Quote
WG-358-1013	Infinium® Exome-24+ v1.0 BeadChip Kit (1152 samples)	Request Quote	Request Quote
TG-410-1006	TG HiSeq® 3000/4000 cBot™ Multi-Primer R	Request Quote	Request Quote
FT-332-1102	Infinium® CoreExome-24+ v1.1 FastTrack™ Service	Request Quote	Request Quote
RS-303-1002	TruSight RNA Pan-Cancer Panel 48smp-SetA	7,200.00	6,480.00
RS-303-1003	TruSight RNA Pan-Cancer Panel 48smp-SetB	7,200.00	6,480.00
RS-304-1002	TruSight® RNA Fusion Panel 48SMP - Set A	6,700.00	6,030.00
RS-304-1003	TruSight® RNA Fusion Panel 48SMP - Set B	6,700.00	6,030.00
20000062	SW, Customer Dx Image, MiSeqDx v4.0.c26.20150721	Request Quote	Request Quote
20000215	TruSight HLA v2 Seq Panel (24 samples)	5,000.00	4,500.00
20000482	Inf DrugDevArray-24 v1.0 (48 smp)	Request Quote	Request Quote
20000483	Inf DrugDevArray-24 v1.0 (288 smp)	Request Quote	Request Quote
20000484	Inf DrugDevArray-24 v1.0 (1152 smp)	Request Quote	Request Quote
20000485	Inf DrugDevArray-24+ v1.0 Kit (48 smp)	Request Quote	Request Quote
20000486	Inf DrugDevArray-24+ v1.0 Kit (288 smp)	Request Quote	Request Quote
20000487	Inf DrugDevArray-24+ v1.0 Kit (1152 smp)	Request Quote	Request Quote
20000532	Inf DrugDevArray-24 v1.0 FTS	Request Quote	Request Quote
20000533	Inf DrugDevArray-24+ v1.0 FTS	Request Quote	Request Quote
20000769	Inf BovineSNP50-24+ v3.0 Kit (48 smp)	Request Quote	Request Quote
20000775	BOX,1PACK,BDCHP,CSTM,INF-GGP_SuperLDv4,1	Request Quote	Request Quote
20000776	BOX,8PACK,BDCHP,CSTM,INF-GGP_SuperLDv4,8	Request Quote	Request Quote
20000810	BOX,4PACK,BDCHP,CSTM,INF-GGP_SuperLDv4,4	Request Quote	Request Quote
20000830	Inf BovineSNP50-24+ v3.0 Kit (288 smp)	Request Quote	Request Quote
20000831	Inf BovineSNP50-24+ v3.0 Kit (1152 smp)	Request Quote	Request Quote
20000832	Inf BovineSNP50-24 v3.0 FTS	Request Quote	Request Quote
20000902	Seqlab TruSeq DNA PCR-Free Library Prep HT	3,000.00	2,700.00
20000903	Seqlab TruSeq Nano DNA Library Prep HT	3,000.00	2,700.00
20001094	INFMulti-EthnicAMR/AFR-8+ v1 Kit 16samp	Request Quote	Request Quote

Catalog #	Product Description	List Price (USD)	Customer Price
20001095	INFMulti-EthnicAMR/AFR-8+ v1 Kit 48samp	Request Quote	Request Quote
20001096	INFMulti-EthnicAMR/AFR-8+ v1 Kit 96samp	Request Quote	Request Quote
20001097	INFMulti-EthnicAMR/AFR-8+ v1 Kit 384samp	Request Quote	Request Quote
20001099	Infinium Multi-Ethnic AMR/AFR-8+ v1.0FTS	Request Quote	Request Quote
20001104	INFMulti-Eth EUR/EAS/SAS-8+ v1 Kit 16samp	Request Quote	Request Quote
20001105	INFMulti-Eth EUR/EAS/SAS-8+ v1 Kit 48samp	Request Quote	Request Quote
20001106	INFMulti-Eth EUR/EAS/SAS-8+ v1 Kit 96samp	Request Quote	Request Quote
20001107	INFMulti-Eth EUR/EAS/SAS-8+ v1 Kit 384samp	Request Quote	Request Quote
20001109	INF Multi-Ethnic EUR/EAS/SAS-8+ v1.0 FTS	Request Quote	Request Quote
20001111	Infinium Multi-Ethnic Global-8+ v1.0 FTS	Request Quote	Request Quote
20001116	Inf Omni2.5-8+ v1.3 Kit (16 smp)	Request Quote	Request Quote
20001117	Inf Omni2.5-8+ v1.3 Kit (48 smp)	Request Quote	Request Quote
20001118	Inf Omni2.5-8+ v1.3 Kit (96 smp)	Request Quote	Request Quote
20001119	Inf Omni2.5-8+ v1.3 Kit (384 smp)	Request Quote	Request Quote
20001121	Infinium Omni2.5-8+ v1.3 FTS	Request Quote	Request Quote
20001125	Inf OmniExpress-24+ v1.2 Kit (48 smp)	Request Quote	Request Quote
20001126	Inf OmniExpress-24+ v1.2 Kit (288 smp)	Request Quote	Request Quote
20001127	Inf OmniExpress-24+ v1.2 Kit (1152 smp)	Request Quote	Request Quote
20001129	Inf OmniExpress-24+ v1.2 FTS	Request Quote	Request Quote
20003623	ASSY, HYB FIXTURE, 3 STACK	Request Quote	Request Quote
20003802	Infinium XT Assay Kit Pre 4608	Request Quote	Request Quote
20003808	Infinium XT Assay Kit Post1 4608	Request Quote	Request Quote
20003814	Infinium XT Assay Kit Post2 4608	Request Quote	Request Quote
20003818	Infinium XT Assay Kit Post3 4608	Request Quote	Request Quote
20003833	Infinium XT Assay PB20	Request Quote	Request Quote
20004331	Inf OmniExpressExome-8+ v1.4 (16 smp)	Request Quote	Request Quote
20004332	Inf OmniExpressExome-8+ v1.4 (48 smp)	Request Quote	Request Quote
20004333	Inf OmniExpressExome-8+ v1.4 (96 smp)	Request Quote	Request Quote
20004334	Inf OmniExpressExome-8+ v1.4 (384 smp)	Request Quote	Request Quote
20004336	Inf OmniExpressExome-8+ v1.4 FTS	Request Quote	Request Quote
20004341	Inf OmniZhongHua-8+ v1.3 16 smp	Request Quote	Request Quote
20004342	Inf OmniZhongHua-8+ v1.3 48 smp	Request Quote	Request Quote
20004343	Inf OmniZhongHua-8+ v1.3 96 smp	Request Quote	Request Quote
20004344	Inf OmniZhongHua-8+ v1.3 384 smp	Request Quote	Request Quote
20004346	Inf OmniZhongHua-8+ v1.3 FTS	Request Quote	Request Quote
20004359	TruSeq Custom Amp Low Input INCa Consort	60.00	54.00

Catalog #	Product Description	List Price (USD)	Customer Price
20004424	Inf Omni5-4+ v1.2 FTS	Request Quote	Request Quote
20004470	BRCA DNA Repair Panel - TSCA LI (16 smp)	2,960.00	2,664.00
20004490	Inf OmniExpress-24+ v1.1.7 FTS	Request Quote	Request Quote
20004500	Inf BovineSNP50-24+ v3.0 FTS	Request Quote	Request Quote
20004513	Inf Omni5Exome-4+ v1.3 FTS	Request Quote	Request Quote
20004514	Inf QC Array-24+ v1.0 FTS	Request Quote	Request Quote
20004795	TruSeq Bovine Parentage Kit (96 indexes, 384 samples)	960.00	864.00
20005135	Inf Global Screen-24+ v1.0 Kit (48 smp)	Request Quote	Request Quote
20005136	Inf Global Screen-24+ v1.0 Kit (288 smp)	Request Quote	Request Quote
20005137	Inf Global Screen24+ v1.0 Kit (1152 smp)	Request Quote	Request Quote
20005138	Inf Global Screening-24 v1.0 FTS	Request Quote	Request Quote
20005139	Inf Global Screening-24+ v1.0 FTS	Request Quote	Request Quote
20005160	cBot 2 Barcoded Strip Tubes (8 well)	500.00	450.00
20005170	TruSight HLA v2 (24 samples Automated)	5,300.00	4,770.00
20005610	TruSight Tumor 15 MiniSeq Kit	5,280.00	4,752.00
20005611	TruSight RNA Pan-Cancer SetA MiniSeq Kit	12,480.00	11,232.00
20005612	TruSight Cancer MiniSeq Kit	10,560.00	9,504.00
20005613	TruSeq Small RNA Set A MiniSeq Kit	3,200.00	2,880.00
20005614	TruSeq Small RNA Set B MiniSeq Kit	3,200.00	2,880.00
20005615	TruSeq Small RNA Set C MiniSeq Kit	3,200.00	2,880.00
20005616	TruSeq Small RNA Set D MiniSeq Kit	3,200.00	2,880.00
20005636	BRCA DNA Repair Panel - TSCA LI (96 smp)	13,703.00	12,332.70
20005665	CanineHD+ FastTrack Service	Request Quote	Request Quote
20006478	ABI 3730xl DNA Analyzer Integration (per instrument)	Request Quote	Request Quote
20006521	BaseSpace Clarity LIMS Subscription Renewal (yearly cost)	Request Quote	Request Quote
20006591	BaseSpace Clarity LIMS Support and Maintenance (yearly cost)	Request Quote	Request Quote
20006613	Infinium® XT iSelect-96 Kit (1152 samples)	Request Quote	Request Quote
20006614	Infinium XT iSelect-96 Kit (4608 samples)	Request Quote	Request Quote
20006615	Infinium XT iSelect-96 Kit (23040 samples)	Request Quote	Request Quote
20006650	TruSeq Bovine Parent Amplicon Oligos Box	Request Quote	Request Quote
20006920	USB. Imaged. Freya RUO IMG v1.3	Request Quote	Request Quote
20006989	High Thrght TruSeq R Enrch DNA LPK	Request Quote	Request Quote
20006990	High Thrght TruSeq R Enrch Ex+Enrch Kit	Request Quote	Request Quote
20006991	High Throughput HiSeq PE Cluster Kit	Request Quote	Request Quote
20006992	High Throughput HiSeq SBS Kit (150 cyc)	Request Quote	Request Quote
20006993	TruSight HLA v1 Box 3 (Post-PCR)	5,000.00	4,500.00

Catalog #	Product Description	List Price (USD)	Customer Price
20006994	TruSight HLA v1 Box 4 (Post-PCR)	5,000.00	4,500.00
20007749	Inf QC Array-24+ v1.0 Kit (48 samples)	Request Quote	Request Quote
20007770	Inf QC Array-24+ v1.0 Kit (288 samples)	Request Quote	Request Quote
20007771	Inf QC Array-24+ v1.0 Kit (1152 samples)	Request Quote	Request Quote
20010179	TruSight HLA-B Primers v2 Kit	75.00	67.50
20010184	TruSight® Oncology Library Prep	4,999.00	4,499.10
20010185	TruSight Oncology DNA Library Prep	3,999.00	3,599.10
20010186	TruSight® Oncology RNA Library Prep	5,499.00	4,949.10
20010187	TruSight® Oncology Enrichment	5,499.00	4,949.10
20010188	TruSight® Tumor 170 Content Set	349.00	314.10
20010189	TruSight Tumor 170 Content Set (DNA)	Request Quote	Request Quote
20010190	TruSight HLA-DRB Primers v2 Kit	75.00	67.50
20010310	TruSight Tumor 170 Content Set (RNA)	Request Quote	Request Quote
20010670	Infinium XT Assay Kit Pre2 4608	Request Quote	Request Quote
20010815	HiSeq ILS	Request Quote	Request Quote
20011822	MiSeqDx Service Contract Upgrade	Request Quote	Request Quote
20011891	Canadian Consortia Inherited Cancer	500.00	450.00
20014226	High Thput ctDNA TruSight LP Kit	3,800.00	3,420.00
20014227	High Thput ctDNA TruSight Enrchmt Kit	14,400.00	12,960.00
20014228	High Thput ctDNA HiSeq PE Cluster Kit	265,400.00	238,860.00
20014229	High Thput ctDNA HiSeq SBS Kit (300 cyc)	116,700.00	105,030.00
20014279	SureCell™ Whole Transcriptome Analysis 3' Library Prep Kit (2 CartridgesKit)	2,500.00	2,250.00
20014280	SureCell™ Whole Transcriptome Analysis 3' Library Prep Kit (6 CartridgesKit)	7,200.00	6,480.00
20015090	CRUK SMP v2 Consortia	Request Quote	Request Quote
20015091	CEU HuGx EBM Panel	500.00	450.00
20015892	HT1 Buffer	100.00	90.00
20018897	REFURB,HiSeq X System	Request Quote	Request Quote
FC-901-1003	KIT,BRIDGE MANIFOLD,CLUSTER STATION	101.00	90.90
FC-901-1001	KIT,MANIFOLD HYBRIDIZATION.CLUSTER STATION	80.00	72.00
FC-901-1002	KIT,MANIFOLD AMPLIFICATION,CLUSTER STATION	80.00	72.00
1001494R	REFURB,ASSY,BEAM SPLITTER,W/20X TUBELENS	Request Quote	Request Quote
1006220R	REFURB, ASSY,STAGE,XY	Request Quote	Request Quote
1006443R	REFURB, ASSY,OBJECTIVE	Request Quote	Request Quote
11118661S	SPARE, KIMWIPES.4.5X8.375	Request Quote	Request Quote
11179974R	REFURB, PCBA, MAIN	Request Quote	Request Quote

Catalog #	Product Description	List Price (USD)	Customer Price
11182031R	RMA.ASSY,SHERLOCK,SUPER,220V	Request Quote	Request Quote
11183412S	SPARE, SLOW BLOW FUSE 2.0A, 250V, 5X20MM	Request Quote	Request Quote
15005106R	REFURB, LSR.658nm,Coherent,FREE	Request Quote	Request Quote
15007536_PM	iSelect 24x1 Custom DNA Analysis Kit PM	Request Quote	Request Quote
15007537_PM	iSelect 24x1 Custom DNA Analysis Kit PM	Request Quote	Request Quote
15007538_PM	iSelect 24x1 Custom DNA Analysis Kit PM	Request Quote	Request Quote
15009749R	REFURB, ASSY,FW 532nm, 8 POS	Request Quote	Request Quote
15009750R	REFURB, ASSY,FW 660nm, 8 POS	Request Quote	Request Quote
15011631S	SPARE, HiSeq® Flowcell Spare Gaskets 4 Pack	Request Quote	Request Quote
15018799R	REFURB, ASSY, CAMERA 2, 509	Request Quote	Request Quote
15018800R	REFURB, ASSY, CAMERA 1, 509	Request Quote	Request Quote
15023845R	REFURB, ASSY,CAMERA MODULE,SONY	Request Quote	Request Quote
15023855S	SPARE, FEATURE,INTL,ADDITIONALCORDS	Request Quote	Request Quote
15024925U	USED, ASSY, CAMERA 2, 512	Request Quote	Request Quote
15030227_PM	Infinium BovineSNP50+v2.0 DNAAnalysis PM	Request Quote	Request Quote
15030228_PM	Infinium BovineSNP50+v2.0 DNAAnalysis PM	Request Quote	Request Quote
15030229_PM	Infinium BovineSNP50+v2.0 DNAAnalysis PM	Request Quote	Request Quote
15030302_PM	Infinium CanineHD+ DNA Analysis Kit PM	Request Quote	Request Quote
15030303_PM	Infinium CanineHD+ DNA Analysis Kit PM	Request Quote	Request Quote
15032072_PM	Infinium PorcineSNP60+v2.0 ReagentKit PM	Request Quote	Request Quote
15032073_PM	Infinium PorcineSNP60+v2.0 ReagentKit PM	Request Quote	Request Quote
15032942R	REFURB, COMPENSATOR ASSY,MOUNTED WITH MOTOR	Request Quote	Request Quote
15033662U	USED, ASSY, CAMERA 1, 515	Request Quote	Request Quote
15034953R	REFURB, ASSY,REAGENT CHILLER,HiSeq2500	Request Quote	Request Quote
15042215_PM	HumanCore-24+v1.0DNA Analysis Kit (48 PM	Request Quote	Request Quote
15042216_PM	HumanCore-24+v1.0DNA Analysis Kit 288 PM	Request Quote	Request Quote
15042217_PM	HumanCore-24+v1.0DNA Analysis Kit 115 PM	Request Quote	Request Quote
15042264_PM	iSelect 24x1 HTS CustomDNA AnalysisKitPM	Request Quote	Request Quote
15042265_PM	iSelect 24x1 HTS CustomDNA AnalysisKitPM	Request Quote	Request Quote
15042266_PM	iSelect 24x1 HTS Custom DNAAnalysisKitPM	Request Quote	Request Quote
15046135_PM	BovineLD+v1.1DNA Analysis BeadChipKit PM	Request Quote	Request Quote
15046137_PM	BovineLD+v1.1 DNAAnalysisBeadChipKit PM	Request Quote	Request Quote
15046139_PM	BovineLD+v1.1DNA Analysis BeadChipKit PM	Request Quote	Request Quote
15046483_PM	OncoArray-500K+ v1.0 DNA Analysis Kit PM	Request Quote	Request Quote
15051857R	Refurb, Assy, Detector	Request Quote	Request Quote
15056421_PM	HumanOmni2.5+ v1.2 DNA Anal Kit (16)_PM	Request Quote	Request Quote

Catalog #	Product Description	List Price (USD)	Customer Price
15056422_PM	HumanOmni2.5+ v1.2 DNA Anal Kit (48)_PM	Request Quote	Request Quote
15056423_PM	HumanOmni2.5+ v1.2 DNA Anal Kit (96)_PM	Request Quote	Request Quote
15056424_PM	HumanOmni2.5+ v1.2 DNA Anal Kit (384)_PM	Request Quote	Request Quote
15057911_PM	HumanOmniExpress-24+ v1.1 DNAAnalysis PM	Request Quote	Request Quote
15061065U	USED,ASSY, IMAGING MODULE, GLASS, BC	Request Quote	Request Quote
15061149_PM	BovineLD+ v2.0 DNA Analysis Kit (48) PM	Request Quote	Request Quote
15061150_PM	BovineLD+ v2.0 DNA Analysis Kit (288) PM	Request Quote	Request Quote
15061151_PM	BovineLD+ v2.0 DNA Analysis Kit 1152s PM	Request Quote	Request Quote
15065073R	REFURBISHED, ASSY, P603-K023,STAGE	Request Quote	Request Quote
15065457_PM	MaizeLD+ DNA Analysis Kit (48samples) PM	Request Quote	Request Quote
15065458_PM	MaizeLD+ DNA Analysis Kit 288samples PM	Request Quote	Request Quote
15065459_PM	MaizeLD+ DNA Analysis Kit 1152samples PM	Request Quote	Request Quote
15065545R	REFURBISHED, ASSY, 12MM Z-STAGE, v2.1	Request Quote	Request Quote
15069463_PM	BOX,8PACK,BDCHP,BovineLD+ v1.1 PM	Request Quote	Request Quote
157702R	REFURB, ASSY,RED,EXCITATION	Request Quote	Request Quote
157711R	REFURB, ASSY,GREEN EXCTION,FW	Request Quote	Request Quote
157729R	REFURB, ASSY,GREEN,EMSN,FW	Request Quote	Request Quote
157737R	REFURB, ASSY,RED,EMSN,FW	Request Quote	Request Quote
178423R	REFERB, PCBA, CPU,PC-104	Request Quote	Request Quote
275047R	REFURB, BEAM GEN MODULE ASSY	Request Quote	Request Quote
301487S	SPARE,FOAM.PINK CUT TO LENGTH	Request Quote	Request Quote
A0102K	Ampligase Ligase W/Buffer 2,500 U @ 100 U/ul	262.00	246.28
A0110K	Ampligase Ligase W/O Buffer 10,000 U @ 100 U/ul	679.00	638.26
A1905B	Ampligase 10X Reaction Buffer5 ml	66.00	62.04
A3202K	Ampligase Ligase W/Buffer 2,500 U @ 5 U/ul	277.00	260.38
A3210K	Ampligase Ligase W/O Buffer 10,000 U @ 5 U/ul	693.00	651.42
A32750	Ampligase Ligase W/Buffer 750U @ 5 U/ul	127.00	119.38
A8101	Ampligase Kit 1,000 U @ 5 U/ul	179.00	168.26
AB0001	Archer® FusionPlex® Alk Ret Ros1 v2, for Illumina®	1,590.00	1,431.00
AB0003	Archer® FusionPlex® Sarcoma, for Illumina®	2,390.00	2,151.00
AB0005	Archer® FusionPlex® Solid Tumor, for Illumina®	2,720.00	2,448.00
AB0007	Archer® FusionPlex® CTL, for Illumina®	2,590.00	2,331.00
AB0009	Archer® FusionPlex® Oncology Research, for Illumina®	3,120.00	2,808.00
AB0011	Archer FusionPlex Heme v2 Kit- 8 reactions	2,600.00	2,340.00
AB0013	Archer FusionPlex ALL Kit - 8 reactions	2,400.00	2,160.00
AB0015	Archer FusionPlex Myeloid Kit - 8 reactions	2,400.00	2,160.00

Catalog #	Product Description	List Price (USD)	Customer Price
AB0017	Archer FusionPlex Pan-Heme Kit - 8 reactions	3,120.00	2,808.00
AB0019	Archer FusionPlex Lymphoma Kit - 8 reactions	2,400.00	2,160.00
AIS107F	CopyControl Fosmid Autoinduction Solution 50 ml	88.00	82.72
AK0035-4	Archer SureShot ALK, RET, ROS1 Fusion Controls	495.00	445.50
AK0036-4	Archer SureShot Negative Fusion Controls	495.00	445.50
AS3107	AmpliScribe T7 Kit 50 Rxns	280.00	263.20
ASB71110	AmpliScribe T7-Flash Biotin-RNA Transcription Kit 10 Rxns	392.00	368.48
ASBHMR1212	5X Mammalian Polysome Buffer and Magnetic Beads	750.00	705.00
ASBYSC1212	5X Yeast Polysome Buffer	750.00	705.00
ASF3257	AmpliScribe T7-Flash Transcription Kit 25 Rxns	202.00	189.88
ASF3507	AmpliScribe T7-Flash Transcription Kit 50 Rxns	303.00	284.82
ASFT1212	Filter Tubes	250.00	235.00
ASLPA1212	ARTseq™ Ribosome Profiling Kit	1,500.00	1,410.00
AT72250	MasterAmp AmpliTherm DNA Pol250 U @ 5 U/ul	165.00	155.10
BB1206	ScriptSeq Complete Kit (Bacteria) 6 Reactions	852.00	766.80
BB1224	ScriptSeq Complete Kit (Bacteria) 24Reactions	3,125.00	2,812.50
BCD0401K	RecBCD Nuclease, E.coli 1,000U	291.00	273.54
BEP1206	ScriptSeq Complete Gold Kit (Epidemiology) 6 Reactions	852.00	766.80
BEP1224	ScriptSeq Complete Gold Kit (Epidemiology) 24 Reactions	3,125.00	2,812.50
BG1206	ScriptSeq Complete Gold Kit (Human/Mouse/Rat) 6 Reactions	895.00	805.50
BG1224	ScriptSeq Complete Gold Kit (Human/Mouse/Rat) 24 Reactions	3,281.00	2,952.90
BGGB1306	ScriptSeq Complete Gold Kit (Blood) 6 Reactions	832.00	748.80
BGGB1324	ScriptSeq Complete Gold Kit (Blood) 24 Reactions	3,049.00	2,744.10
BGY1306	ScriptSeq Complete Gold Kit (Yeast) 6 rxns	874.00	786.60
BGY1324	ScriptSeq Complete Gold Kit (Yeast) 24 rxns	3,201.00	2,880.90
BHMR1205	ScriptSeq Complete Kit (Human/Mouse/Rat) 6 Rxns	895.00	805.50
BHMR1224	ScriptSeq Complete Kit (Human/Mouse/Rat) 24 Reactions	3,281.00	2,952.90
BPL1205	ScriptSeq Complete Kit (PlantLeaf) 6 Reactions	895.00	805.50
BPL1224	ScriptSeq Complete Kit (PlantLeaf) 24 Reactions	3,281.00	2,952.90
BSR1206	ScriptSeq Complete Kit (PlantSeed/Root) 6 Reactions	895.00	805.50
BU6105H	Biotin-16-UTP 500 nmole	249.00	234.06
C300C105	TransforMax EPI300 Chem. Comp.E.coli 10 x 50 ul	194.00	182.36
C400CH10	CopyCutter EPI400 Chem. Comp.E.coli 10 x 50 ul	183.00	172.02
C400EL10	CopyCutter EPI400 Electrocomp.E.coli 10 x 50 ul	223.00	209.62
C90100	E. Coli Core RNA Polymerase 100 U	199.00	187.06
C90500	E. Coli Core RNA Polymerase 500 U	776.00	729.44

Catalog #	Product Description	List Price (USD)	Customer Price
CC02810	TransforMax EC100 Chem. Comp.E.coli 10 x 50 ul	126.00	118.44
CCF05CTL	CopyControl Fosmid Control Insert	Request Quote	Request Quote
CCFOS059	CopyControl HTP Fosmid LibraryProduction Kit 1 Kit	732.00	688.08
CCFOS110	CopyControl Fosmid Library Production Kit 1 Kit	699.00	657.06
CCIS125	CopyControl Induction Solution	75.00	70.50
CIS40025	CopyCutter Induction Solution25 ml	75.00	70.50
CL109100K	CirLigase II ssDNA Ligase 100,000 U	Request Quote	Request Quote
CL4111K	CirLigase ssDNA Ligase 1,000U	159.00	149.46
CL4115K	CirLigase ssDNA Ligase 5,000U	632.00	594.08
CL9021K	CirLigase II ssDNA Ligase 1,000 U @ 100 U/ul	159.00	149.46
CL9025K	CirLigase II ssDNA Ligase 5,000 U @ 100 U/ul	632.00	594.08
D03950K	T4 DNA Polymerase 50,000 U @5 U/ul	Request Quote	Request Quote
D08104	2'-dNTP (All 4 Mixed) 10 umole@ 2.5 mM ea.	97.00	91.18
D59104	2'-dNTP (All 4 Mixed) 10 umole25 mM ea.	97.00	91.18
D6P1091M	SP6 R&DNA™ Polymerase (Custom,Sequenom)	27,500.00	25,850.00
D7P9205K	T7 R&DNA Polymerase 5,000 U @50 U/ul	516.00	485.04
D9905K	RNase-Free DNase I 5,000 U @1 U/ul	149.00	140.06
D9910K	RNase-Free DNase I, 10,000 MBU(2 x 5,000 MBU); 1 U/ul	236.00	221.84
DB0715K	Baseline-ZERO DNase 5,000 U	240.00	225.60
DS010910	DuraScribe T7 Transcription Kit 10 Rxns	324.00	304.56
DS010925	DuraScribe T7 Transcription Kit 25 Rxns	610.00	573.40
E3101K	Plasmid-Safe ATP-Dep DNase 1,000 U @ 10 U/ul	79.00	74.26
E3110K	Plasmid-Safe ATP-Dep DNase 10,000 U @ 10 U/ul	417.00	391.98
EC02T110	TransforMax EPI300-T1R Electrocomp E.coli 10 x 100	443.00	416.42
EC10010	TransforMax EC100 Electrocompetent E.coli 20 Elect	272.00	255.68
EC300110	TransforMax EPI300 ElectrocompE.coli 10 x 100 ul	330.00	310.20
EC300150	TransforMax EPI300 Electrocompetent E. coli, 5 x 10 tubes	1,369.00	1,286.86
EC6P095H	TransforMax EC100D pir-116 Electrocomp E.coli (10)	220.00	206.80
ECP09500	TransforMax EC100D pir+ Electrocomp E.coli (10)	220.00	206.80
EGIDX81312	TruSeq DNA Methylation Index PCR Primers (10 reactions, 12 indexes)	76.00	68.40
EGMK81312	TruSeq® DNA Methylation Kit (12rxns)	1,009.00	908.10
EGMK91324	TruSeq® DNA Methylation Kit (24rxns)	1,787.00	1,608.30
EGMK91396	TruSeq® DNA Methylation Kit (96rxns)	5,567.00	5,010.30
EN510250	Exonuclease VII 250 U @ 10 U/ul	227.00	213.38
ER0720	End-It DNA End-Repair Kit 20Rxns	103.00	96.82
ER81050	End-It DNA End-Repair Kit 50Rxns	222.00	208.68

Catalog #	Product Description	List Price (USD)	Customer Price
ERT12910K	EpiScript Reverse Transcriptase 10,000 Units @ 200 U/ul	91.00	85.54
ERT12925K	EpiScript Reverse Transcriptase 25,000 U @ 200 U/ul	155.00	145.70
ESB4950	Enzyme Storage Buffer 50 ml	229.00	215.26
EX4425K	Exonuclease III 25,000 U @ 200 U/ul	207.00	194.58
EZI011RK	EZ-Tn5 <R6Ky ori / KAN-2> Insertion Kit 10 Rxns	527.00	495.38
EZI03T7	EZ-Tn5 <T7 / KAN-2> Promoter Insertion Kit 10 Rxns	527.00	495.38
EZI912D	EZ-Tn5 <DHFR-1> Insertion Kit10 Rxns	500.00	470.00
EZI921T	EZ-Tn5 <TET-1> Insertion Kit10 Rxns	500.00	470.00
EZI982K	EZ-Tn5 <KAN-2> Insertion Kit 10 Rxns	500.00	470.00
F7201K	MasterAmp Tfl DNA Polymerase1,000 U @ 1 U/ul	398.00	374.12
FMAX046	FosmidMAX DNA Purification Kit1 Kit	211.00	198.34
FS9901K	FailSafe PCR System 1,000 U	1,106.00	1,039.64
FS99060	FailSafe PCR PreMix SelectionKit	109.00	102.46
FS99100	FailSafe PCR System 100 U	135.00	126.90
FS99250	FailSafe PCR System 250 U	313.00	294.22
FSE5101K	FailSafe Enzyme Mix Only 1,000 U	1,056.00	992.64
FSE51100	FailSafe Enzyme Mix Only 100U	126.00	118.44
FSP995A	FailSafe PCR 2X PreMix A 2.5ml	52.00	48.88
FSP995B	FailSafe PCR 2X PreMix B 2.5ml	52.00	48.88
FSP995C	FailSafe PCR 2X PreMix C 2.5ml	52.00	48.88
FSP995D	FailSafe PCR 2X PreMix D 2.5ml	52.00	48.88
FSP995E	FailSafe PCR 2X PreMix E 2.5ml	52.00	48.88
FSP995F	FailSafe PCR 2X PreMix F 2.5ml	52.00	48.88
FSP995G	FailSafe PCR 2X PreMix G 2.5ml	52.00	48.88
FSP995H	FailSafe PCR 2X PreMix H 2.5ml	52.00	48.88
FSP995I	FailSafe PCR 2X PreMix I 2.5ml	52.00	48.88
FSP995J	FailSafe PCR 2X PreMix J 2.5ml	52.00	48.88
FSP995K	FailSafe PCR 2X PreMix K 2.5ml	52.00	48.88
FSP995L	FailSafe PCR 2X PreMix L 2.5ml	52.00	48.88
G09200	GELase Enzyme Prep 200 U @ 1U/ul	276.00	259.44
G31200	GELase Enzyme Prep 200 U @ 0.2 U/ul	276.00	259.44
GZG1206	Globin-Zero™ Gold Kit (6rxns)	567.00	510.30
GZG1224	Globin-Zero™ Gold Kit (24rxns)	2,016.00	1,814.40
GZLI1306	Globin-Zero Gold Reagents-LowInput 6 reaction	332.00	312.08
H39500	Hybridase Thermostable RNase H500 U @ 5 U/ul	351.00	329.94
KL11101K	Exo-Minus Klenow DNA Polymerase (D355A, E357A) 1,000U@10U/ul	229.00	215.26

Catalog #	Product Description	List Price (USD)	Customer Price
KP810250	Klenow DNA Polymerase 250 Units @ 5 U/ul	63.00	59.22
L0751ML	T4 DNA Ligase, Cloned 1 ml @30 U/ul	Request Quote	Request Quote
LH820H	T4 DNA Ligase, Cloned 2,000 U@ 10 U/ul	333.00	313.02
LIH1224	Ribo-Zero rRNA Removal Reagents (H/M/R)-Low Input 24 Rxns	1,180.00	1,109.20
LK0750H	Fast-Link DNA Ligation Kit 50Lig.	149.00	140.06
LK6201H	Fast-Link DNA Ligation Kit 100 Lig	244.00	229.36
LR2D11310K	T4 RNA Ligase 2, Deletion Mutant 10,000 U @ 200 U/ul	256.00	240.64
LR2D1132K	T4 RNA Ligase 2, Deletion Mutant 2,000 U @ 200 U/ul	63.00	59.22
MB060124	MessageBOOSTER cDNA SynthesisKit for qPCR 24 Rxns	513.00	482.22
MB711400	MasterPure DNA Purif Kit for Blood V. II 400 ml Whole Blood	455.00	427.70
MBCL90310	MessageBOOSTER cDNA Synthesisfrom Cell Lysates Kit 10 Rxns	220.00	206.80
MC85200	MasterPure Complete DNA & RNAPurif Kit 200 Purif	377.00	354.38
MC89010	MasterPure Complete DNA & RNAPurif Kit 10 Purif	74.00	69.56
ME81205	MasterAmp 10X PCR Enhancer 5ml	170.00	159.80
ME81210	MasterAmp 10X PCR Enhancer 10ml	268.00	251.92
MGNBSM	Meta-G-Nome Kit RT Components	Request Quote	Request Quote
MGP04100	MasterPure Gram Positive DNA Purif. Kit 100 Purif	274.00	257.56
MHF9220	MasterAmp Extra-Long PCR Kit50 Rxns	264.00	248.16
MHF925A	MasterAmp Extra-Long 2X PCR Premix 1 5 ml	84.00	78.96
MHF925B	MasterAmp Extra-Long 2X PCR Premix 2 5 ml	84.00	78.96
MHF925C	MasterAmp Extra-Long 2X PCR Premix 3 5 ml	84.00	78.96
MHF925D	MasterAmp Extra-Long 2X PCR Premix 4 5 ml	84.00	78.96
MHF925E	MasterAmp Extra-Long 2X PCR Premix 5 5 ml	84.00	78.96
MHF925F	MasterAmp Extra-Long 2X PCR Premix 6 5 ml	84.00	78.96
MHF925G	MasterAmp Extra-Long 2X PCR Premix 7 5 ml	84.00	78.96
MHF925H	MasterAmp Extra-Long 2X PCR Premix 8 5 ml	84.00	78.96
MHF925I	MasterAmp Extra-Long 2X PCR Premix 9 5 ml	84.00	78.96
MM070150	MMLV Reverse Transcriptase 1st-Strand cDNA Synth Kit 50 Rxns	216.00	203.04
MMP095H	MPC Protein Precipitation Solution 500 ml	758.00	712.52
MO7201	MasterAmp PCR Optimization Kit60 Temp	222.00	208.68
MO7205A	MasterAmp 2X PCR PreMix A 5 ml	81.00	76.14
MO7205B	MasterAmp 2X PCR PreMix B 5 ml	81.00	76.14
MO7205C	MasterAmp 2X PCR PreMix C 5 ml	81.00	76.14
MO7205D	MasterAmp 2X PCR PreMix D 5 ml	81.00	76.14
MO7205E	MasterAmp 2X PCR PreMix E 5 ml	81.00	76.14
MO7205F	MasterAmp 2X PCR PreMix F 5 ml	81.00	76.14

Catalog #	Product Description	List Price (USD)	Customer Price
MO7205G	MasterAmp 2X PCR PreMix G 5 ml	81.00	76.14
MO7205H	MasterAmp 2X PCR PreMix H 5 ml	81.00	76.14
MO7205I	MasterAmp 2X PCR PreMix I 5 ml	81.00	76.14
MO7205J	MasterAmp 2X PCR PreMix J 5 ml	81.00	76.14
MO7205K	MasterAmp 2X PCR PreMix K 5 ml	81.00	76.14
MO7205L	MasterAmp 2X PCR PreMix L 5 ml	81.00	76.14
MP5105	MaxPlax Lambda Packaging Extract 5 Ext	188.00	176.72
MP5110	MaxPlax Lambda Packaging Extract 10 Ext	305.00	286.70
MP5120	MaxPlax Lambda Packaging Extract 20 Ext	500.00	470.00
MPRK092	Proteinase K 2 ml	146.00	137.24
MPS04050	ArrayPure Nano-scale RNA PurifKit 50 Purif.	218.00	204.92
MPY03100	MasterPure Yeast RNA Purification Kit 100 Purif.	316.00	297.04
MPY80200	MasterPure Yeast DNA Purif Kit200 Purif	362.00	340.28
MPYS10460	Yeast Cell Lysis Solution, 60ml	Request Quote	Request Quote
MRC0912H	Red Cell Lysis Solution 1200ml	122.00	114.68
MRNA092	RNase A 2 ml	74.00	69.56
MRZ11124C	Core Kit, 24 Rxns	1,180.00	1,109.20
MRZ116C	Core Kit, 6 Rxns	332.00	312.08
MRZB12424	Ribo-Zero Magnetic Kit Bacteria 24 RXN	1,968.00	1,771.20
MRZE706	Rbo-Zro Mgntc Gold Kt Epidemiology 6 RXN	582.00	523.80
MRZE724	Ribo-Zero™ Gold Epidemiology Kit (24rxns)	2,066.00	1,859.40
MRZG12324	Rbo-Zro Mgntc Gold Kt HMN/Mouse/Rt 24RXN	1,968.00	1,771.20
MRZG126	Ribo-Zero Magnetic Gld Kit HMN/Mouse/Rat	582.00	523.80
MRZGN126	Ribo-Zero™ GramNegative Bacteria Kit (6rxns)	582.00	523.80
MRZGP126	Ribo-Zero™ GramPostive Bacteria Kit (6rxns)	582.00	523.80
MRZH11124	Rbo-Zro Magnetic Kt HMN/Mouse/Rat 24 Rxn	1,968.00	1,771.20
MRZH116	Rbo-Zro Magnetic Kt HMN/Mouse/Rat 6 Rxns	582.00	523.80
MRZMB126	Ribo-Zero™ Bacteria Kit (6rxns)	582.00	523.80
MRZPL116	Ribo-Zero™ Plant Leaf Kit (6rxns)	582.00	523.80
MRZPL1224	Ribo-Zero Magnetic Kit PlantLeaf 24 Rxns	1,968.00	1,771.20
MRZSR116	Ribo-Zero™ Plant Seed/Root Kit(6rxns)	582.00	523.80
MRZY1306	Ribo-Zero™ Gold Yeast Kit (6rxns)	567.00	510.30
MRZY1324	Ribo-Zero™ Gold Yeast Kit (24rxns)	2,016.00	1,814.40
MTC096H	Tissue & Cell Lysis Solution600 ml	244.00	229.36
MTE0970	TE Buffer 70 ml	37.00	34.78
N6901K	RNase I 1,000 U	100.00	94.00

Catalog #	Product Description	List Price (USD)	Customer Price
NRK060110	NRK Total RNA Control 500 ng	46.00	43.24
OC7850K	OmniCleave Endonuclease 50,000 U	267.00	250.98
P0503K	T4 Polynucleotide Kinase, Cloned 3,000 U	187.00	175.78
PAP5104H	Poly(A) Polymerase Tailing Kit50 Rxns	200.00	188.00
PAP6100K	Poly(A) Polymerase Tailing Kit100,000 U @ 4 U/ul	33,341.00	31,340.54
PP031010	RepliPHI Phi29 DNA Polymerase(High Conc.) 10 ug @ 1 ug/ul	139.00	130.66
PP040110	RepliPHI Phi29 DNA Polymerase(Low Conc) 10 ug @ 0.1 ug/ul	139.00	130.66
Q8201K	MasterAmp Taq DNA Polymerase1,000 U @ 5 U/ul	437.00	410.78
Q82100	MasterAmp Taq DNA Polymerase100 U @ 5 U/ul	70.00	65.80
Q82500	MasterAmp Taq DNA Polymerase500 U @ 5 U/ul	232.00	218.08
QE09050	QuickExtract DNA Extraction Solution 1.0 50 ml	291.00	273.54
QE0905T	QuickExtract DNA Extraction Solution 1.0 5 ml	55.00	51.70
QEF81050	QuickExtract FFPE DNA Extraction Kit 50 ml	291.00	273.54
QEP70750	QuickExtract Plant DNA Extraction Solution 50 ml	286.00	268.84
QER090150	QuickExtract RNA Extraction Kit 50 ml	515.00	484.10
QU13150	MasterAmp Extra-Long DNA Polymerase, 150 U @ 2.5 U/ul	140.00	131.60
QU14300	MasterAmp Extra-Long DNA Pol Mix, 300 U @ 2.5 U/ul	270.00	253.80
QU9201K	MasterAmp Extra-Long DNA Pol1,000 U @ 2.5 U/ul	869.00	816.86
QU92500	MasterAmp Extra-Long DNA Pol500 U @ 2.5 U/ul	487.00	457.78
R10A100LT	ATP (Adenosine-5'-Triphosphate) 2500 umoles @ 25 mM conc.	680.00	639.20
R1804M	Ready-Lyse Lysozyme Solution4,000,000 U	230.00	216.20
R1810M	Ready-Lyse Lysozyme Solution10,000,000 U	440.00	413.60
R2F110C	2'-Fluorine-dCTP Solution	111.00	104.34
R2F110U	2'-Fluorine-dUTP Solution	111.00	104.34
RA02825	ATP (Adenosine-5'-Triphosphate) 25 umoles @ 100 mM	64.00	60.16
RG90910K	RiboGuard RNase Inhibitor 10,000 U @ 40 U/ul	275.00	258.50
RG90925	RiboGuard RNase Inhibitor 2,500 U @ 40 U/ul	109.00	102.46
RJ411250	Rec J Exonuclease 250 U @ 10U/ul	271.00	254.74
RN02825	NTP's (A, C, G, U Sep.) 25 umole @ 100 mM ea	200.00	188.00
RNR07250	Ribonuclease R 250 U	216.00	203.04
RP8092H	RNA 5'Polyphosphatase 200 U	123.00	115.62
RPHMR12126	TruSeq Ribo Profile for Mammalian (12 reactions, 12 indexes)	1,500.00	1,350.00
RPYSC12116	TruSeq Ribo Profile for Yeast (12 reactions, 12 indexes)	1,500.00	1,350.00
RSBC10948	ScriptSeq Index PCR Primers (Set 1) 48 Rxn	226.00	203.40
RT80125K	MMLV High Performance ReverseTranscriptase 25,000 U	143.00	134.42
RZE1206	Ribo-Zero Gold rRNA Removal Reagents (Epidemiology) 6 Rxn	332.00	312.08

Catalog #	Product Description	List Price (USD)	Customer Price
RZE1224	Ribo-Zero Gold rRNA Removal Reagents (Epidemiology) 24 Rxn	1,180.00	1,109.20
RZG1224	Ribo-Zero Gold (Human/Mouse/Rat) 24 Reactions	1,239.00	1,115.10
RZH1046	Ribo-Zero rRNA-Removal Kit (Human/Mouse/Rat) 6 Rxns	332.00	312.08
RZH1086	Ribo-Zero rRNA Removal Kt-LowInput (Human/Mouse/Rat) 6 Rxns	Request Quote	Request Quote
RZH110424	Ribo-Zero rRNA-Removal Kit (Human/Mouse/Rat) 24 Rxns	1,180.00	1,062.00
RZHM11106	Ribo-Zero Gold Kit (Human/Mouse/Rat) 6-Reactions	332.00	312.08
RZMB11086	Ribo-Zero rRNA Removal Reagents (Bacteria) 6 Rxns	332.00	312.08
RZNB1056	Ribo-Zero rRNA Removal Reagents (Gram-Negative Bact) 6 Rxn	332.00	312.08
RZPB10106	Ribo-Zero rRNA Removal Reagents (Gram-Positive Bact) 6 Rxns	332.00	312.08
RZPL11016	Ribo-Zero rRNA Removal Reagents (Plant Leaf) 6 Rxns	332.00	312.08
RZPL1224	Ribo-Zero rRNA Removal Reagents (Plant Leaf) 24 rxns	1,200.00	1,128.00
RZSR11036	Ribo-Zero rRNA Removal Reagents (Plant Seed/Root) 6 Rxns	332.00	312.08
RZY1306	Ribo-Zero Gold rRNA Removal Reagents (Yeast)(6 rxns)	332.00	312.08
RZY1324	Ribo-Zero Gold rRNA Removal Reagents (Yeast)(24 rxns)	1,180.00	1,109.20
SA0040	Archer® MBC Adapters A1-A8 for Illumina®	80.00	72.00
SA0041	Archer MBC Adapters A9-A16	80.00	72.00
SA0042	Archer MBC Adapters A17-A24	80.00	72.00
SA0043	Archer MBC Adapters A25-A32	80.00	72.00
SA0044	Archer MBC Adapters A33-A40	80.00	72.00
SA0045	Archer MBC Adapters A41-A48	80.00	72.00
SMIP2124	TruSeq® Ribo Profile Index PCRPrimers (1-12)	200.00	188.00
SSIP1202	ScriptSeq Index PCR Primers (Set 2)	237.00	213.30
SSIP1203	ScriptSeq Index PCR Primers (Set 3)	237.00	213.30
SSIP1204	ScriptSeq Index PCR Primers (Set 4)	237.00	213.30
SSIP1234	ScriptSeq Index PCR Primers (Sets 1-4)	861.00	774.90
SSV21106	ScriptSeq v2 RNA-Seq Library Preparation Kit 6-Reactions	500.00	450.00
SSV21124	ScriptSeq v2 RNA-Seq Library Preparation Kit 24-Reactions	1,819.00	1,637.10
T5E4111K	T5 Exonuclease 1,000 U @ 10 U/ul	72.00	67.68
TA6160	10X TA Buffer 6 ml	71.00	66.74
TAB1R80524	TargetAmp 1-Round Biotin-aRNA Amplification Kit 105 24 Rxns	916.00	861.04
TAN07924	TargetAmp-Nano Label Kt for Illumina Express BeadChip 24 Rxns	770.00	723.80
TAN091096	TargetAmp-Nano Label Kt for Illumina Express BeadChip 96 Rxns	2,607.00	2,450.58
TER51020	Terminator 5'-Phosphate-Dependent Exonuclease 40 U	218.00	204.92
TH950K	T7 RNA Polymerase 50,000 U @1,000 U/ul	523.00	491.62
TNP92110	EZ-Tn5 Transposase 10 Std Rxns	419.00	393.86
TSM08KR	EZ-Tn5 <R6Kyori / KAN-2> Tnp Transposome 10 Rxns	521.00	489.74

Catalog #	Product Description	List Price (USD)	Customer Price
TSM99D1	EZ-Tn5 <DHFR-1> Tnp Transposome 10 Std Rxns	474.00	445.56
TSM99K2	EZ-Tn5 <KAN-2> Tnp TransposomeKit 10 Std Rxns	488.00	458.72
TTH72250	MasterAmp Tth DNA Polymerase250 U @ 5 U/ul	138.00	129.72
TY0261H	TypeOne Restriction Inhibitor100 ug @ 5 ug/ul	178.00	167.32
UG131K	Uracil N-Glycosylase (UNG) 1,000 U	1,189.00	1,117.66
W7350ML	Sterile Nuclease-Free Water 50 ml	44.00	41.36
WEBC931	pWEB-TNC Cosmid Cloning Kit	694.00	652.36
X40520K	Exonuclease I 20,000 U	289.00	271.66
X40550K	Exonuclease I 50,000 U	Request Quote	Request Quote

III. CONDITIONS OF SALE

By submitting an order, Customer accepts and agrees that the Terms and Conditions is the sole and exclusive agreement between Customer and Illumina with respect to the Illumina products and/or services as described above and accepts all other terms of this quotation. NOTWITHSTANDING THE FOREGOING, IF ILLUMINA AND CUSTOMER HAVE ENTERED INTO A VALID AND ENFORCEABLE AGREEMENT GOVERNING THE ILLUMINA PRODUCTS AND/OR SERVICES DESCRIBED ABOVE, THE ORDER OF PRECEDENCE BETWEEN THE AGREEMENT AND THE TERMS AND CONDITIONS SHALL BE AS FOLLOWS: IN THE EVENT OF A CONFLICT BETWEEN THE TERMS OF THE AGREEMENT AND THE TERMS AND CONDITIONS, OR IF THE AGREEMENT INCLUDES ADDITIONAL TERMS NOT ADDRESSED IN THE TERMS AND CONDITIONS, THE AGREEMENT SHALL GOVERN WITH RESPECT TO SUCH TERMS. Illumina does not supply plastics such as microplates or pipette tips for use in the listed assays and these are not included in the consumables pricing provided; however, as a result of the highly multiplexed nature of all assays, plastics alone contribute minimally to the final cost.

Customer and Illumina agree as follows:

- Customer's purchase of the products referenced in this Quotation is not conditioned on future performance characteristics or applications, whether or not realized.
- Unless otherwise agreed by Illumina in writing, Illumina will not assist Customer in developing, testing, or validating unsupported applications.
- Illumina will not replace any consumables or reagent kits if the cause of any performance failure is due to unsupported applications.
- Illumina is unable to provide any assurances or guarantee that the performance of the products referenced in this Quotation will match published specifications when used for unsupported applications.

IV. SHIP HOLD

In cases where this Quotation does not include a pre-defined ship schedule, the following ship hold terms shall apply:

- All orders must have a defined ship schedule. The initial ship date must be no later than three (3) months from the date the purchase order is received by Illumina (as provided in the Order Confirmation) and the entire order must be shipped complete within twelve (12) months from Illumina's receipt of the purchase order.
- Any exceptions to these ship hold terms must be agreed to in writing by Illumina and the Customer must pre-pay at least fifty percent (50%) of the purchase order amount of the affected shipments.
- Customers may request two (2) shipment delays for any single purchase order. The total months of delayed shipment for shipments associated with a single purchase order shall not exceed six (6) months.
- If Customer has requested a delayed shipment, Illumina reserves the right to change the lead time necessary to initiate Customer's first shipment (which may be longer than the lead time quoted at the time of the order placement).
- If Customer cannot take shipment in accordance with these terms, Illumina reserves the right to cancel the order in its entirety without any liability to the Customer.

V. HOW TO ORDER

RUO & DX Goods, Instruments and Warranty Coverage (including BlueGnome)

For all consumable orders:

Please submit your order online through MyIllumina (<http://my.illumina.com>).

For all other orders:

Please submit your institutional Purchase Order and a complete copy of this quotation to the attention of:

Illumina Customer Service

customerservice@illumina.com

Phone: +1.858.202.4566

Toll Free: +1.800.809.ILMN (4566)

Fax: +1.858.202.4766

VI. EXPIRATION OF OFFER

The offer contained in this document is revocable at the sole discretion of Illumina if not executed by Customer and a purchase order received by Illumina before 5:00 pm Pacific Time on the expiration date shown on page 1 of this quotation.

Terms and Conditions of Sale

<http://www.illumina.com/content/dam/illumina-marketing/documents/terms-conditions/united-states/usa-terms-and-conditions-of-sale-general.pdf>.

Additionally, if Customer is purchasing Illumina professional consulting services as relate to instruments, Customer environment or workflows (in all cases, excluding instrument warranty services) ("Professional Services"), Customer agrees such Professional Services are exclusively governed by the Terms and Conditions - Services (Professional Services) located here:

<http://www.illumina.com/content/dam/illumina-marketing/documents/company/terms-and-conditions-services.pdf>